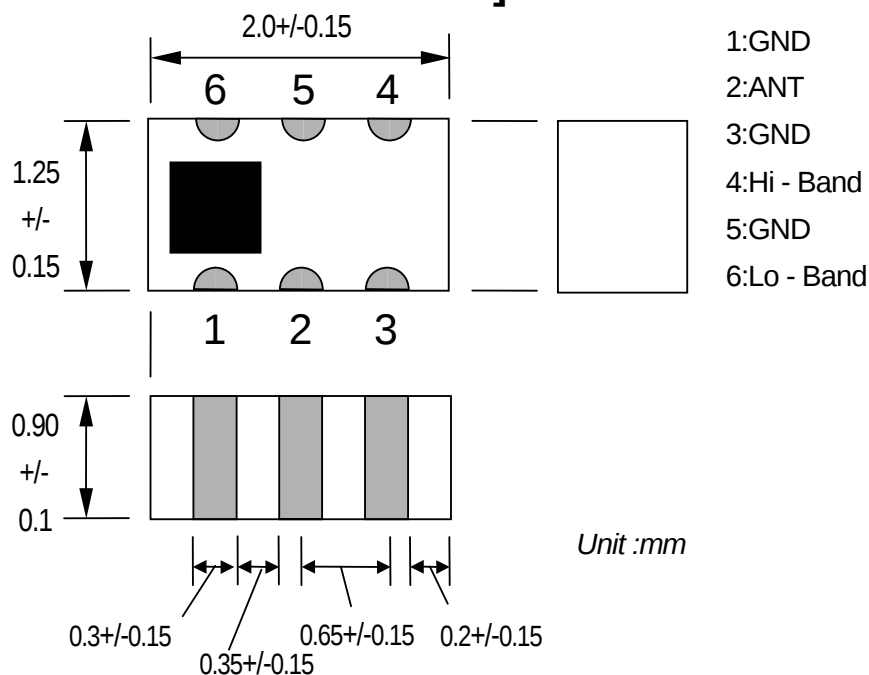


MULTILAYER DIPLEXER SPECIFICATION

P/N: **DPX202690DT-4049A2**

[MECHANICAL DIMENSIONS]



[ELECTRICAL CHARACTERISTICS] at 25 degC

No.	PARAMETER	FREQ (MHz)	SPEC		Typical value Value	UNIT
			Min.	Max.		
1	Insertion Loss(Lo – Band Port)	704 - 960	-	-	0.24	dB
2	Insertion Loss(Hi – Band Port)	1710 - 2690	-	-	0.83	dB
3	Attenuation(Hi – Band Port)	704 - 960	-	-	20.4	dB
4	Attenuation(Lo – Band Port)	1710 - 2690	-	-	16.8	dB
5	VSWR (Lo-Band Port)	704 - 960	-	-	1.29	-
6	VSWR (Hi-Band Port)	1710 - 2690	-	-	2.13	-

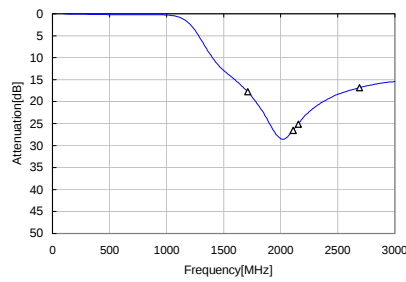
[TEMPERATURE RANGE]

Storage Temperature	-40 ~ +85 °C
Operation Temperature	-40 ~ +85 °C

[FREQUENCY RESPONSE]

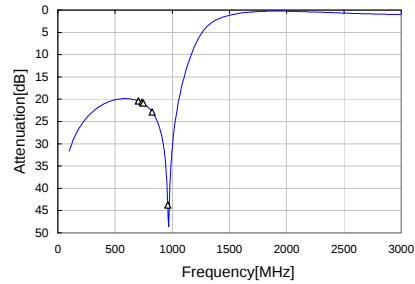
Lo-Band Port

S21



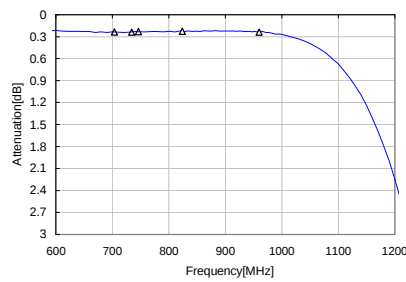
Hi-Band Port

S31



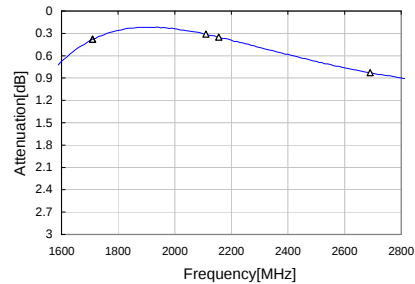
Lo-Band Port

S21



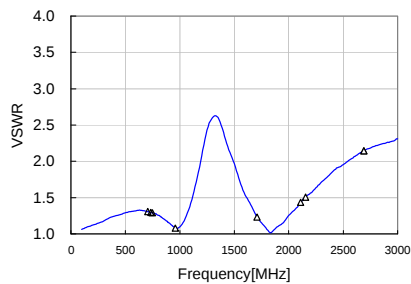
Hi-Band Port

S31



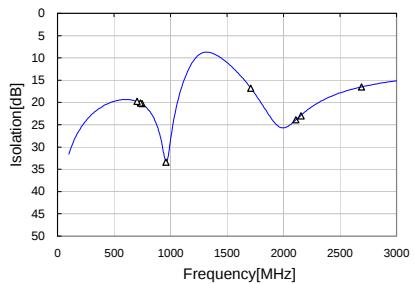
Common Port VSWR

S11



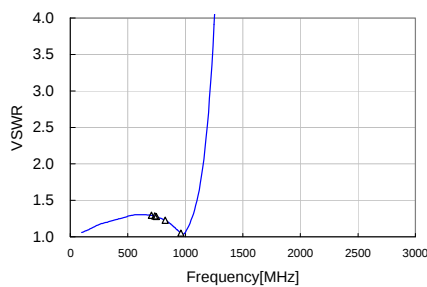
Isolation

S23



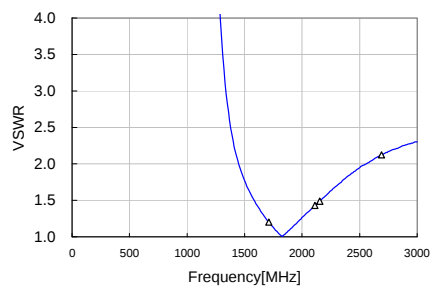
Lo-Band Port VSWR

S22



Hi-Port VSWR

S33



[Recommended PCB Pattern]

